

CLAIMS

I CLAIM:

1.A sprinkler structure comprising:

a support unit formed of a plurality of support legs;

a spray unit uprightly supported by said support unit on a surface and formed of a water pipe and a nozzle fastened with a top end of said water pipe, said water pipe provided at a bottom end with a hose connector; and

at least one fastening unit for fastening releasably said water pipe with a top end of said support legs of said support unit;

wherein said fastening unit comprises:

a tubular seat fastened at a lower portion thereof with the top end of said support legs of said support unit and provided with a center through hole extending along a longitudinal direction of said tubular seat, said center through hole being dimensioned to accommodate said water pipe loosely in such a way that said water pipe can be rotated in said center through hole, and that said water pipe can be moved up and down in said center through hole, said tubular seat further provided in an outer wall with two pivoting lugs arranged at a predetermined distance, and a through slot extending from the outer wall between said two pivoting lugs such that said through slot is in communication with said center through hole;

a press block provided at an inner end with an arcuate surface corresponding in curvature to an outer wall surface of said water pipe,

said press block being disposed pivotally in said through slot of said tubular seat such that said arcuate surface of said press block is extended into said center through hole of said tubular seat; and

a control lever provided at a pivoting end thereof with an eccentric press surface, said control lever being pivoted at said pivoting end thereof with said two pivoting lugs of said tubular seat such that said eccentric press surface is corresponding in location to said press block whereby said eccentric press surface pushes said press block to move toward said water pipe located in said center through hole of said tubular seat at the time when said control lever is swiveled in one direction, thereby causing said arcuate surface of the inner end of said press block to embrace intimately said water pipe, said arcuate surface of said press block capable of releasing said water pipe at the time when said control lever is swiveled in other direction, thereby relieving said press block of pressure of said eccentric press surface of said control lever.

2. The sprinkler structure as defined in claim 1, wherein said center through hole of said tubular seat is provided in an inner wall with a locating slot extending from an inner end of said through slot of said tubular seat through a top end of said center through hole of said tubular seat; wherein said press block is provided at the inner end with a projection extending therefrom in the longitudinal direction of said tubular seat whereby said projection of said press block is received in said locating slot of said center through hole of said tubular seat.